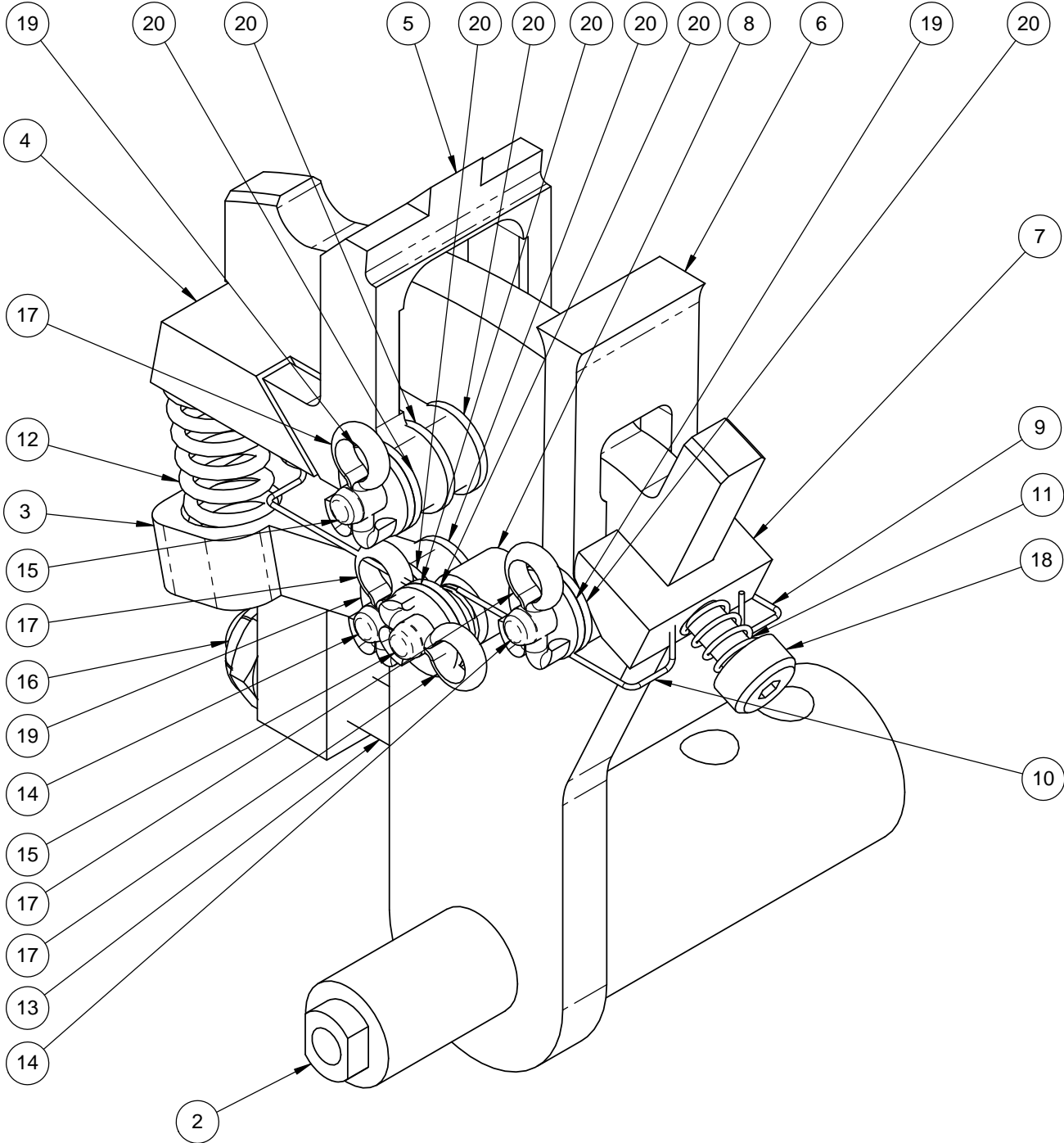


ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION
1	X	D4185-041	INTERNAL BELLCRANK ASSEMBLY
2	1	D4185-043	INTERNAL BELLCRANK SUB-ASSEMBLY
3	1	D4185-3	SPRING SUPPORT
4	1	D4185-5	FLY STOP - LOWER
5	1	D4185-7	FLY STOP - UPPER
6	1	D4185-9	IDLE STOP
7	1	D4185-11	IDLE STOP LIMITER
8	2	D4185-13	SPRING PIVOT BUSHING
9	1	D4188-1	SPRING - LH IDLE STOP
10	1	D4188-2	SPRING - RH IDLE STOP
11	1	D4188-3	SPRING - IDLE STOP LIMITER
12	2	D4188-5	SPRING - FLY STOP
13	1	D4210-7	FLY STOP SET SCREW
14	2	MS20392-1R21	PIN
15	2	MS20392-1R29	PIN
16	1	MS21044C08	NUT
17	4	MS24665-136	COTTER PIN
18	1	MS51576-4	BOLT
19	4	NAS1149DN432J	WASHER
20	16	NAS1515M04L	WASHER



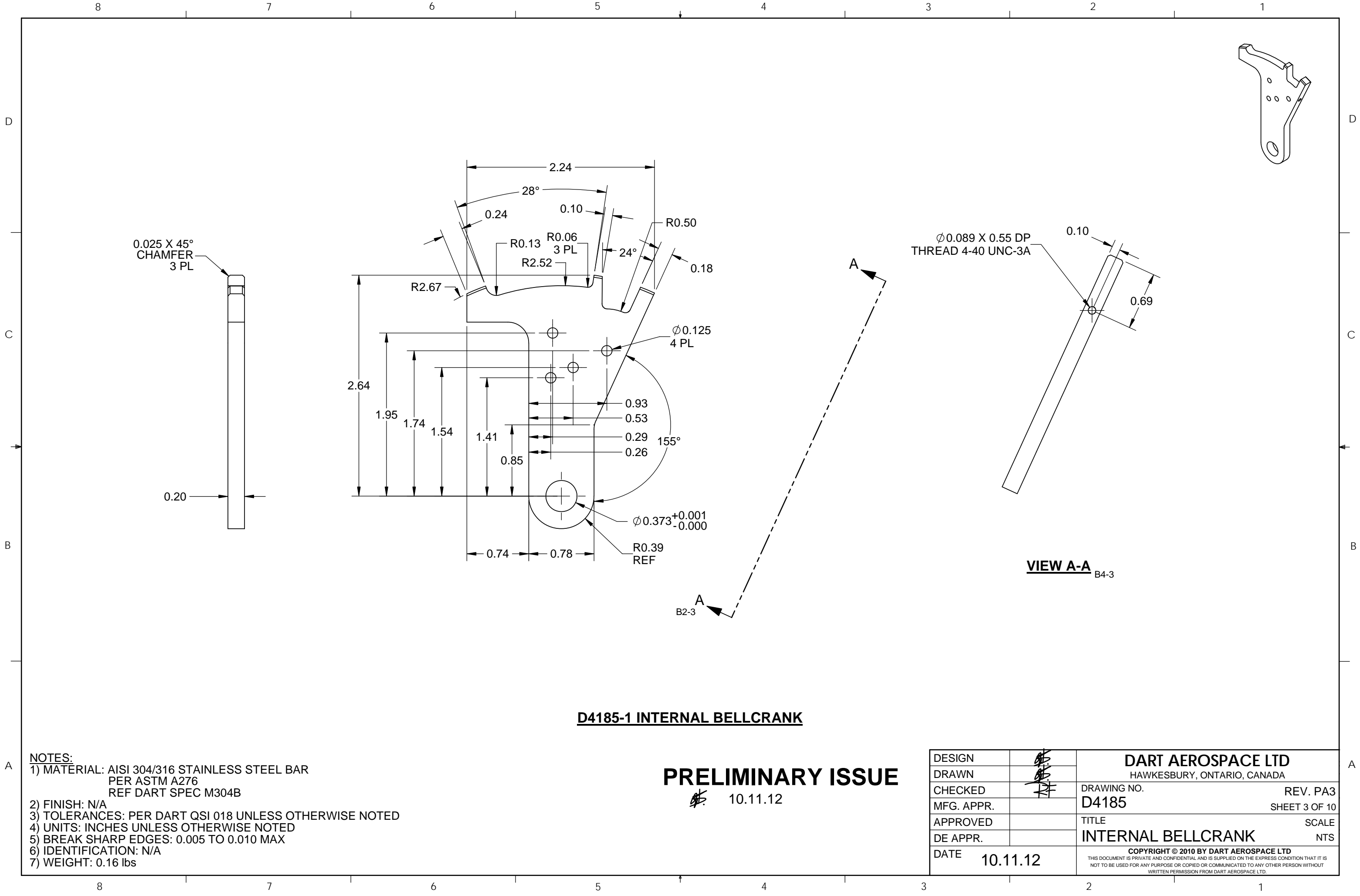
D4185-041 INTERNAL BELLCRANK ASSEMBLY

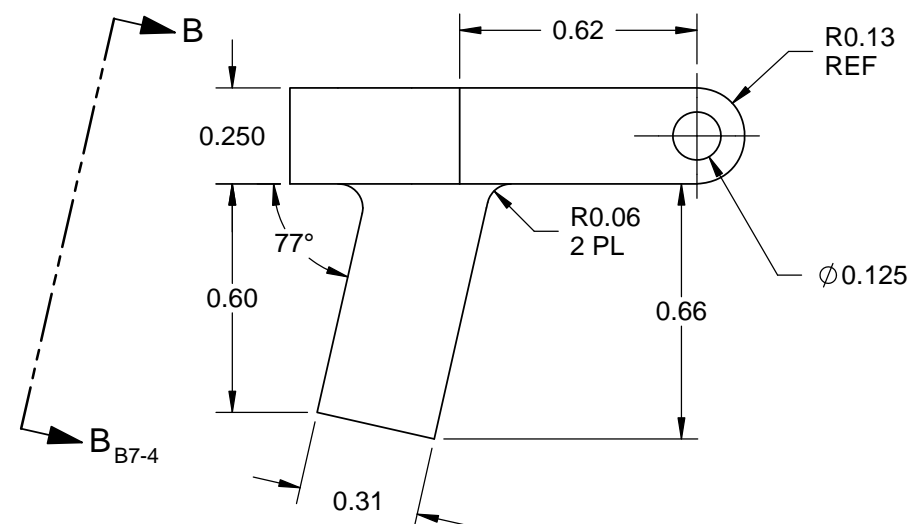
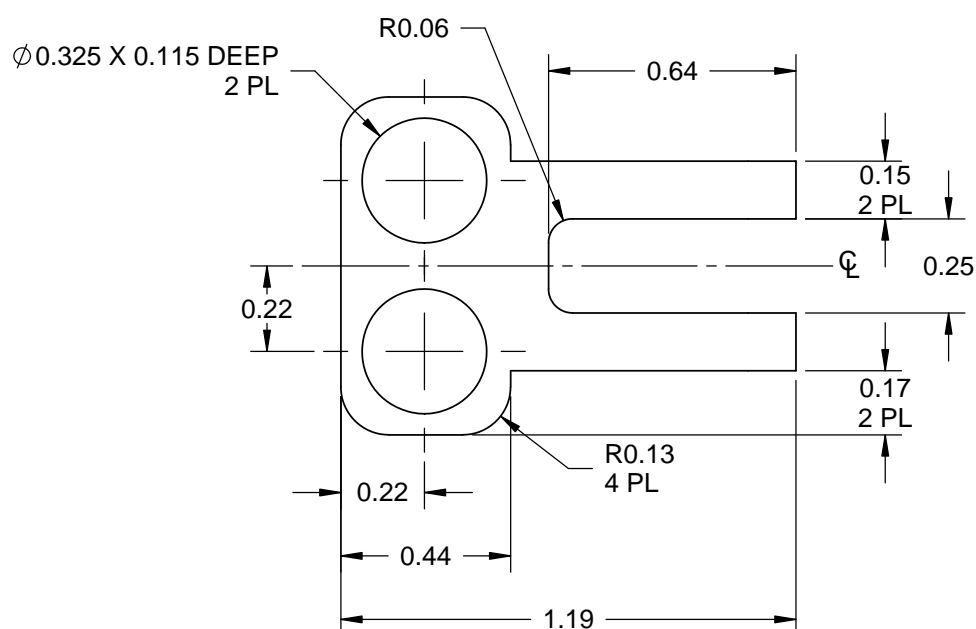
PRELIMINARY ISSUE

[Signature] 10.11.12

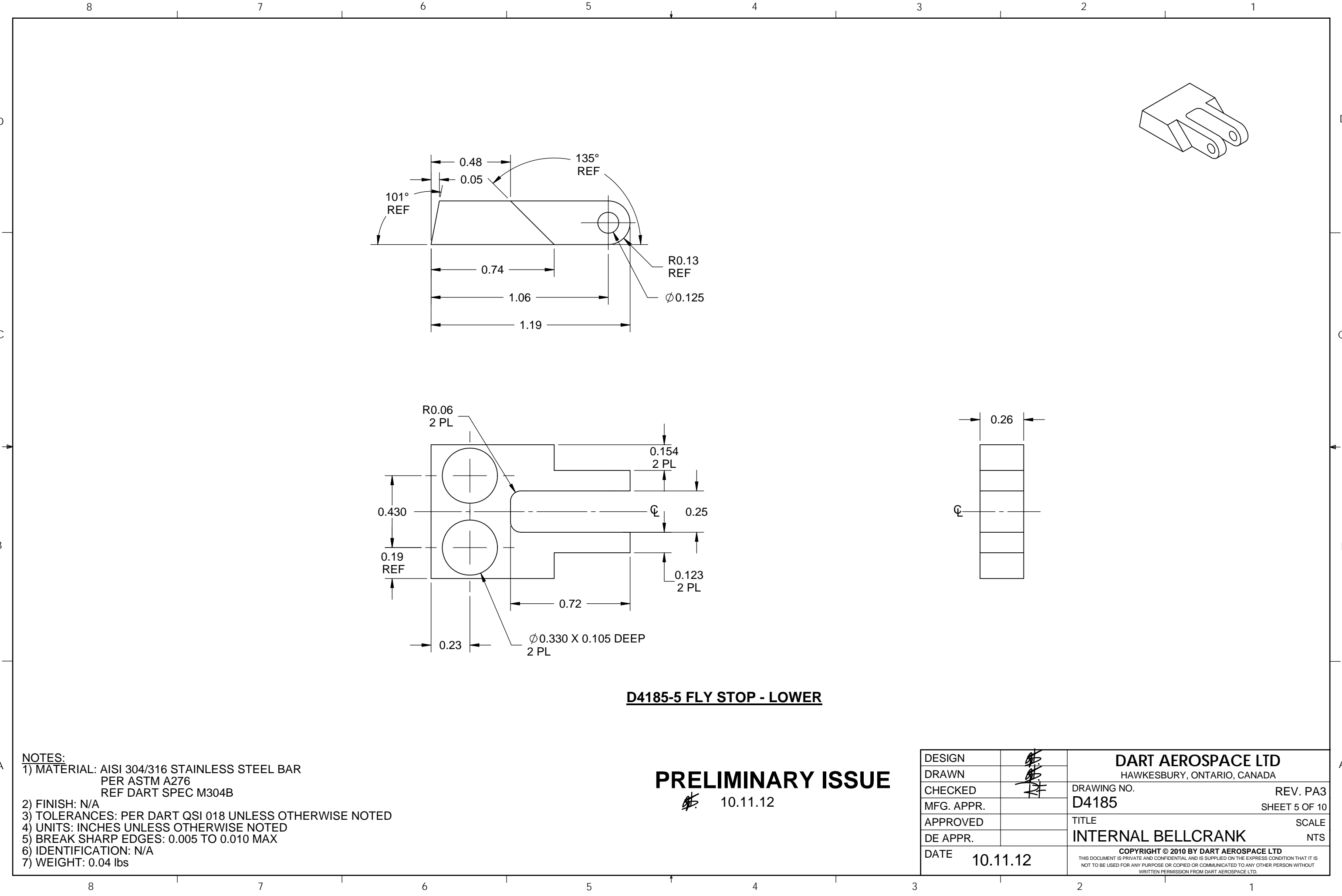
- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.47 lbs

PA3	NEW ISSUE		10.11.12
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>[Signature]</i>		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. PA3
MFG. APPR.		D4185	SHEET 1 OF 10
APPROVED		TITLE	SCALE
DE APPR.		INTERNAL BELLCRANK	NTS
DATE	10.11.12	COPYRIGHT © 2010 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	





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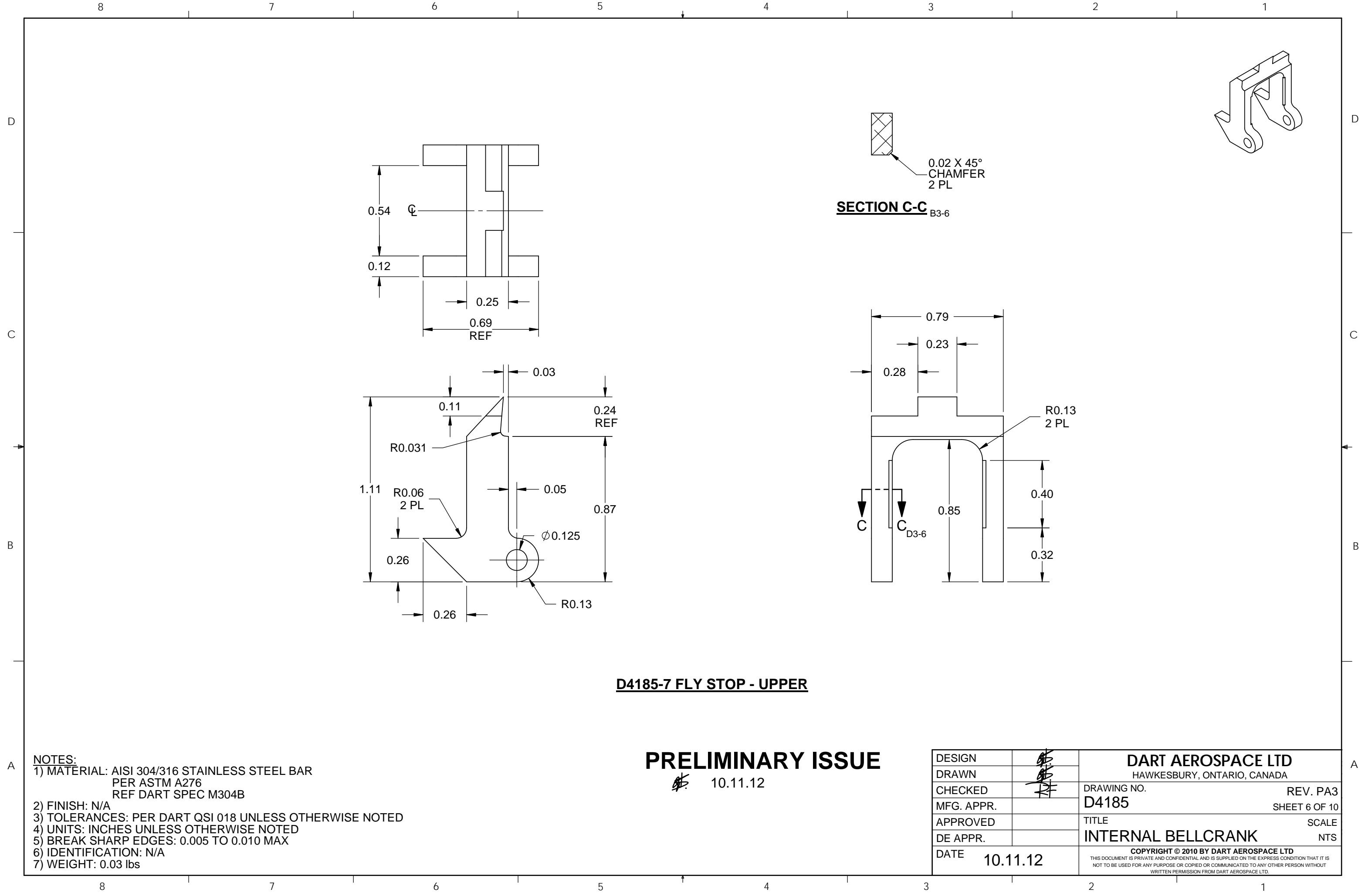


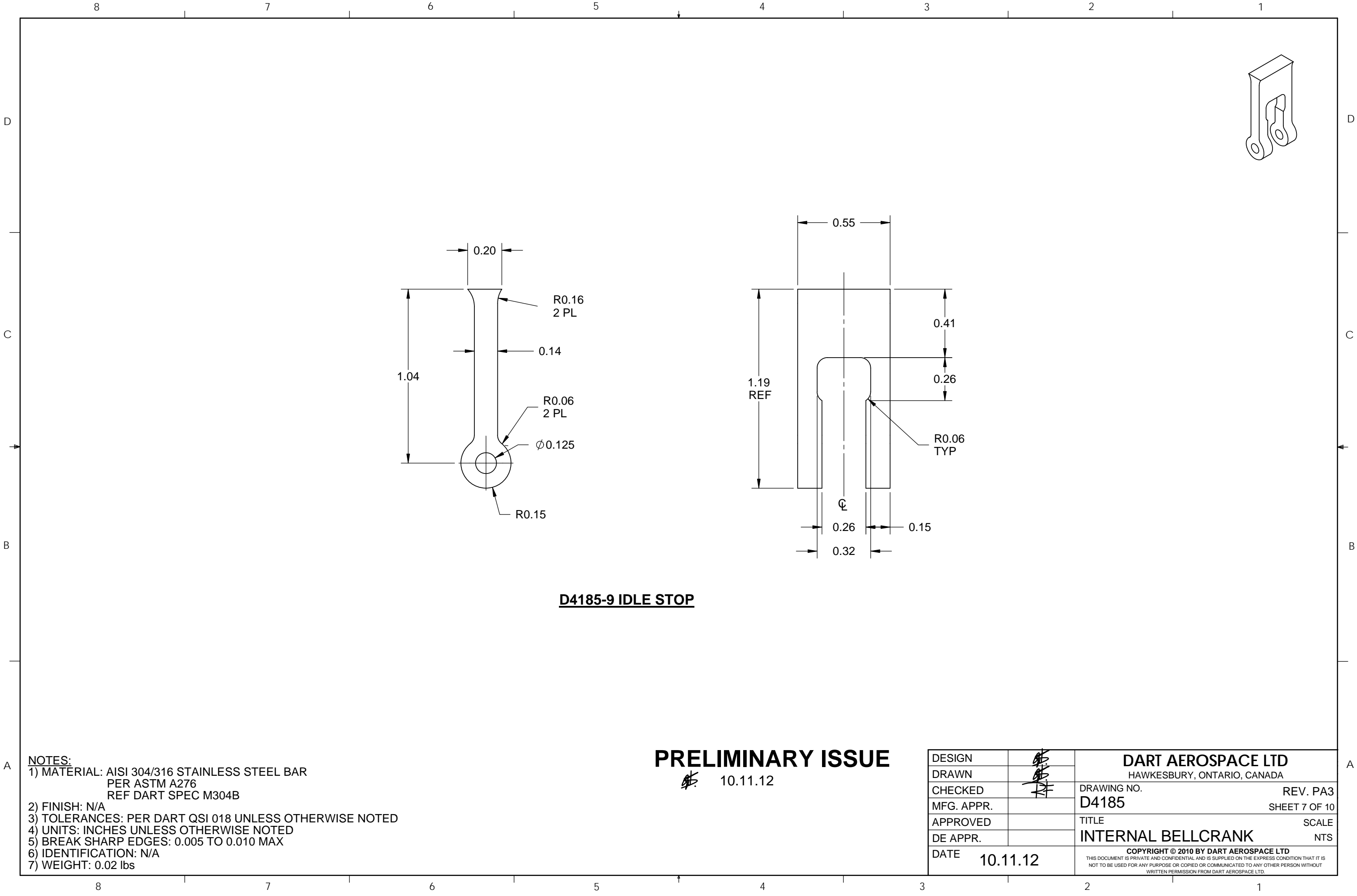
NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL BAR
PER ASTM A276
REF DART SPEC M304B
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 0.04 lbs

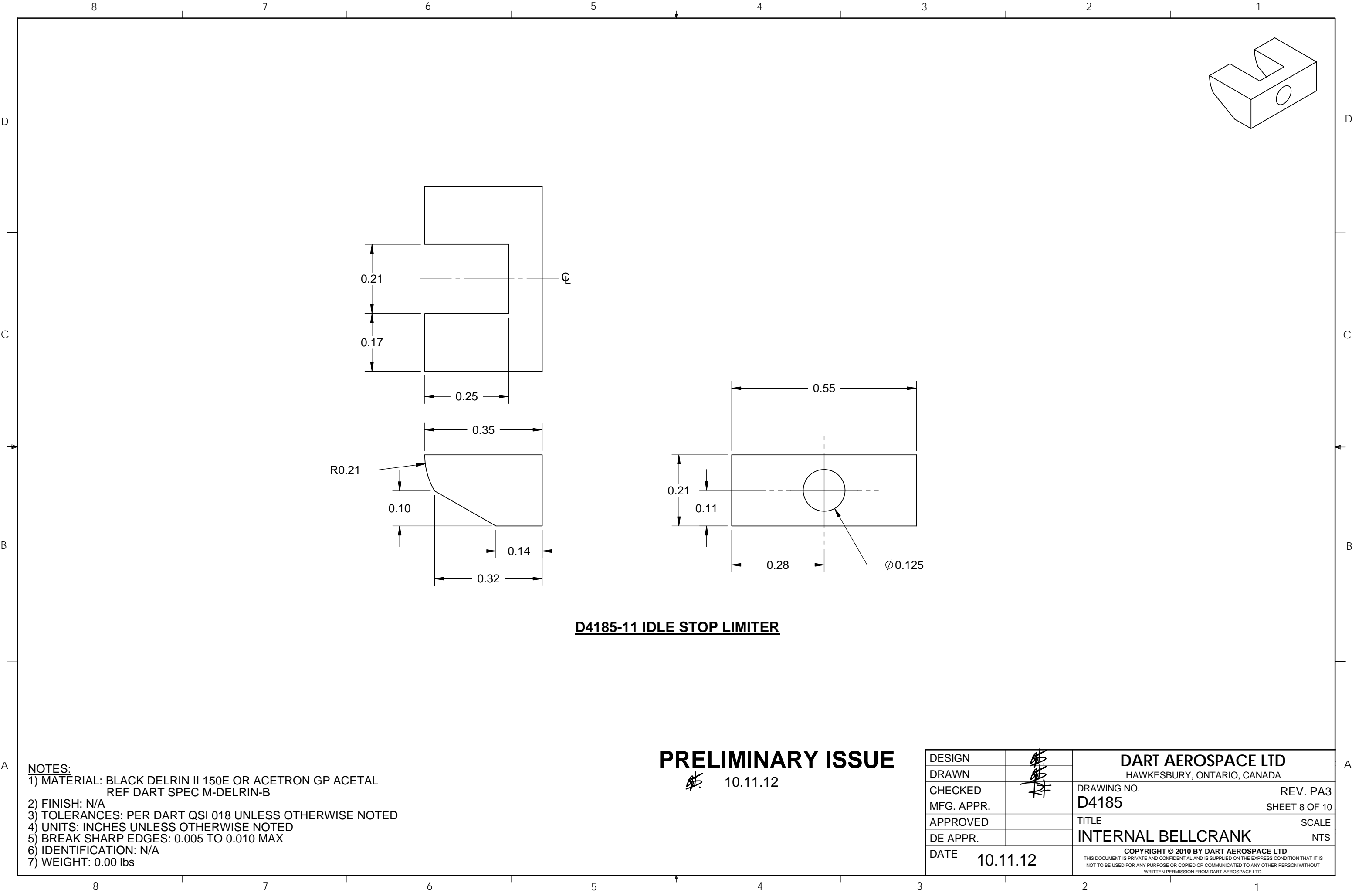
D4185-5 FLY STOP - LOWER

PRELIMINARY ISSUE
10.11.12

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. PA3
MFG. APPR.		D4185	SHEET 5 OF 10
APPROVED		TITLE	SCALE
DE APPR.		INTERNAL BELLCRANK	NTS
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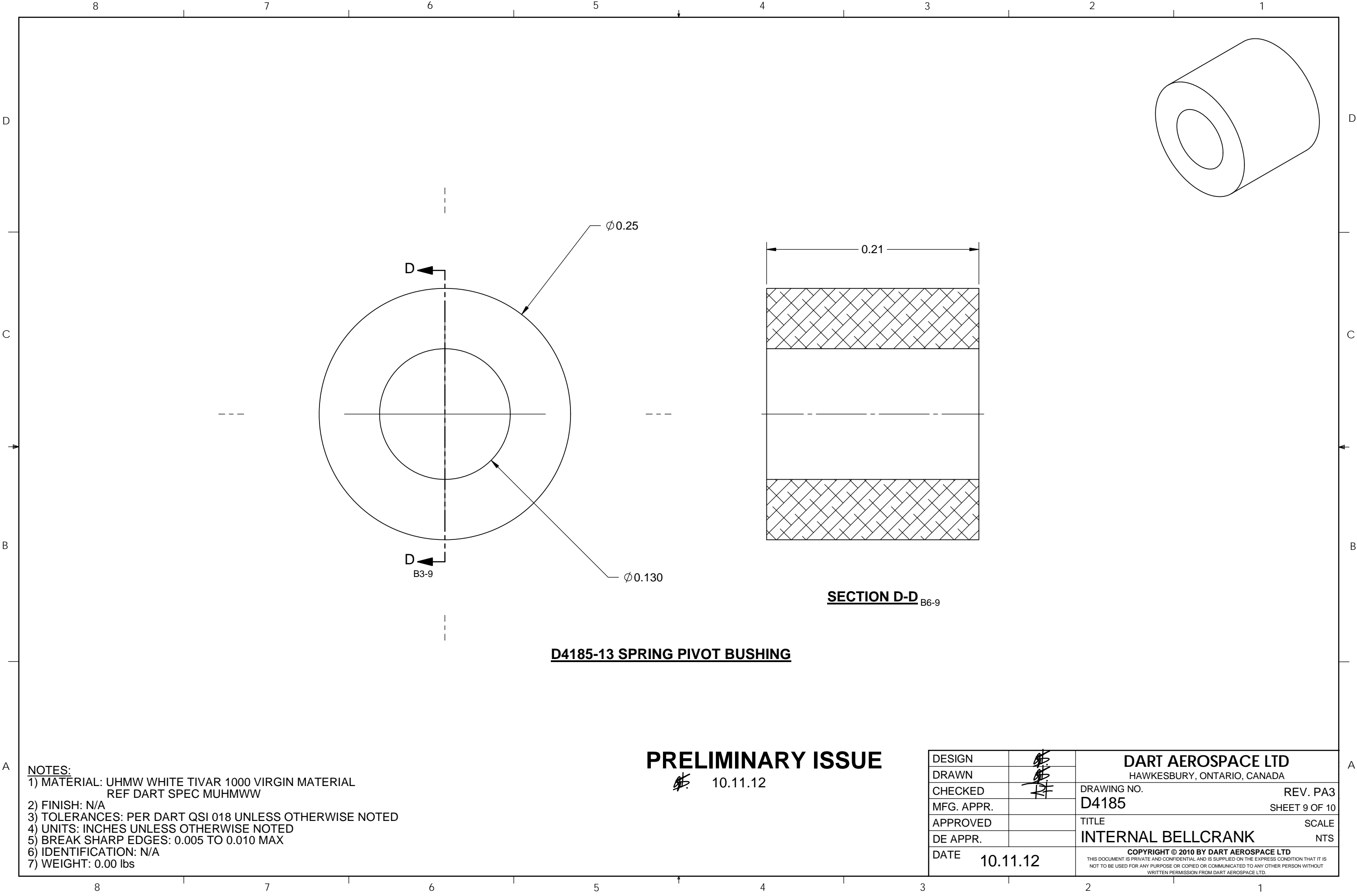




NOTES:
1) MATERIAL: BLACK DELRIN II 150E OR ACETRON GP ACETAL
REF DART SPEC M-DELRIN-B
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 0.00 lbs




PRELIMINARY ISSUE
10.11.12

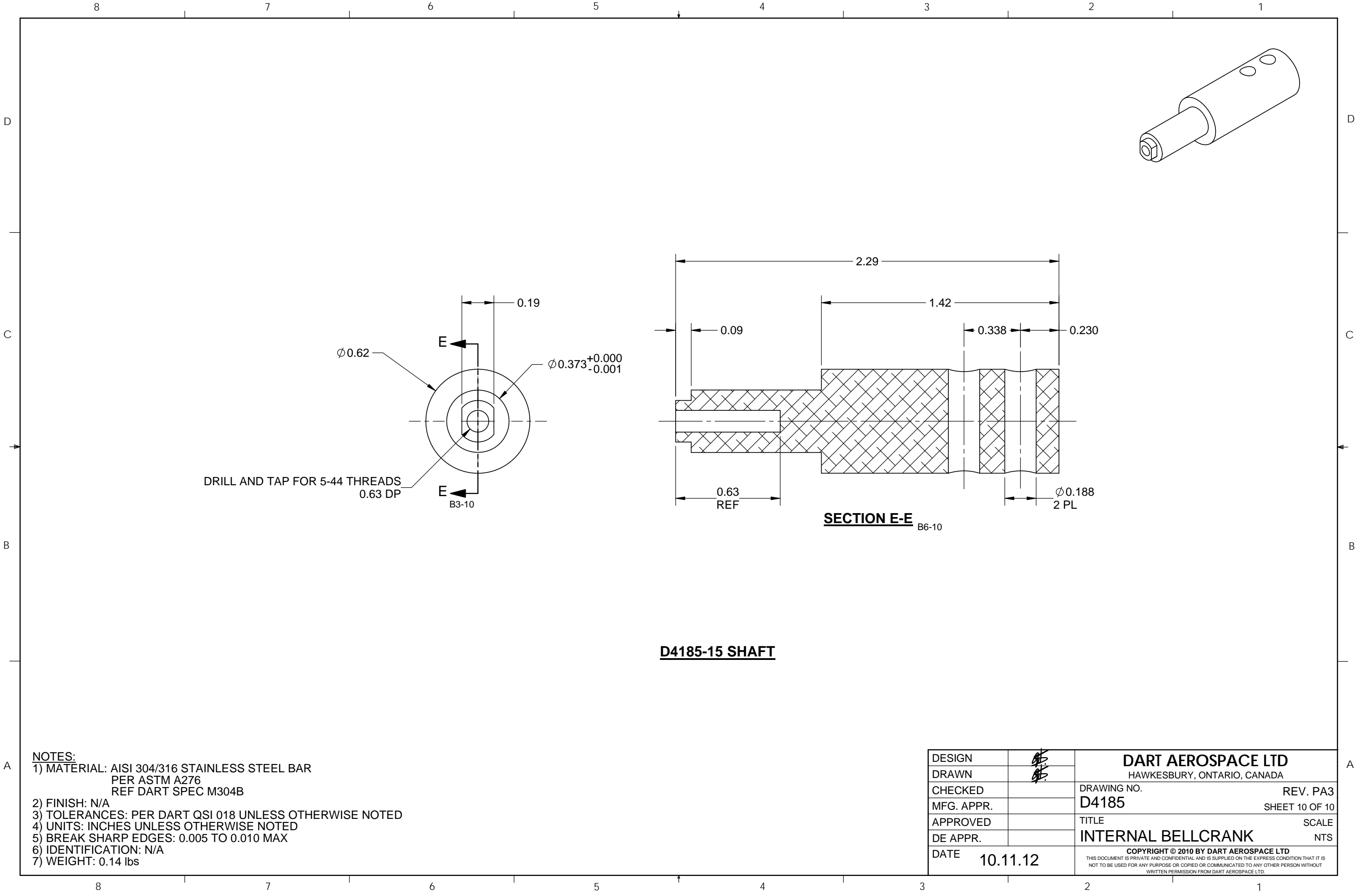
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN		
CHECKED		DRAWING NO. REV. PA3
MFG. APPR.		D4185 SHEET 8 OF 10
APPROVED		TITLE SCALE
DE APPR.		INTERNAL BELLCRANK NTS
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NOTES:
1) MATERIAL: UHMW WHITE TIVAR 1000 VIRGIN MATERIAL
REF DART SPEC MUHMWW
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 0.00 lbs

PRELIMINARY ISSUE
10.11.12

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO. D4185	REV. PA3 SHEET 9 OF 10
MFG. APPR.			
APPROVED		TITLE	SCALE
DE APPR.		INTERNAL BELLCRANK	NTS
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D4185-15 SHAFT

- NOTES:
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL BAR
PER ASTM A276
REF DART SPEC M304B
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.14 lbs

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN		
CHECKED		DRAWING NO. REV. PA3
MFG. APPR.		D4185 SHEET 10 OF 10
APPROVED		TITLE SCALE
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